

An **Appendix** including an amended drawing figure is attached following page 4 of this paper.
Amendments to the Specification and Abstract

In the Title:

Please amend the title to read as follows: -- METHOD FOR CONTROLLING THE TEMPERATURE OF A BAKING OVEN HAVING A CATALYST--.

In the Specification:

Before paragraph [0001] please delete the heading --Specification--.

Please replace paragraph [0001] with the following rewritten paragraph:

[0001] The present invention relates to a method ~~of the type mentioned in the preamble of Claim 1~~ for controlling the temperature of a baking oven containing a catalyst and having a control unit, an oven chamber temperature sensor, and a catalyst temperature sensor; the electrical sensor signals of the oven chamber temperature sensor and the catalyst temperature sensor being processed in an evaluation circuit of the control unit.

Before paragraph [0002] please insert the heading --BACKGROUND--.

Please replace paragraph [0002] with the following rewritten paragraph:

[0002] A method ~~of this type~~ for controlling the temperature of a baking oven containing a catalyst is known, for example, from German Patent DE 197 06 186. In this method, the oven chamber temperature and the catalyst temperature can be controlled separately because the catalyst has a separate catalyst heater. Temperature-time profiles, or threshold values, which are dependent on the selected operating mode, for example, the pyrolytic mode, are stored in the control unit for the oven chamber temperature and the catalyst temperature. If the pyrolysis temperature is not reached within a predetermined time, then the oven chamber heater is turned off for safety reasons. If threshold values for the catalyst temperature, which are also predefined,

should be exceeded during pyrolysis, then the oven chamber heater, or the catalyst heater, is turned off as well.

Before paragraph [0007], please insert the heading --SUMMARY OF THE INVENTION--.

Before paragraph [0008], please insert new paragraph [0007.1] as follows:
--[0007.1] The present invention provides a method for controlling the temperature of a baking oven including a catalyst, a heating source, an oven chamber temperature sensor, and a catalyst temperature sensor. The method includes:

generating a first electrical control signal based on a first control state, the first control state being a function of respective electrical sensor signals from the oven chamber temperature sensor and the catalyst temperature sensor, the first control state being reached when a catalyst temperature is higher than an oven chamber temperature and a temperature difference between the catalyst temperature and the oven chamber temperature is greater than or equal to a first threshold value; and

controlling the heating source using the first electrical control signal so that the oven chamber temperature is maintained substantially constant.

Please delete paragraph [0008].

Before paragraph [0017], please insert the heading --BRIEF DESCRIPTION OF THE DRAWINGS--.

Please replace paragraph [0017] with the following rewritten paragraph:
[0017] An exemplary embodiment of the present invention is shown in the drawings in a purely schematic way and will be described in more detail below. ~~In the drawing,~~

Before paragraph [0022], please insert the heading --DETAILED DESCRIPTION--.

In the Abstract:

Please replace the Abstract with the following rewritten Abstract:

~~The present invention relates to a method for controlling the temperature of a baking oven containing a catalyst and having a control unit, an oven chamber temperature sensor, and a catalyst temperature sensor; the electrical sensor signals of the oven chamber temperature sensor and the catalyst temperature sensor being processed in an evaluation circuit of the control unit in such a manner that when a control state which is dependent on the electrical sensor signals is reached, the control unit generates at least one electrical control signal that influences a heating source, in particular an electrical heating element, of the baking oven in a predetermined manner.~~

~~In order to provide a simple method for controlling the temperature of a baking oven containing a catalyst, the processing is carried out in the evaluation circuit of the control unit as a function of the temperature difference between the oven chamber temperature and the catalyst temperature.~~

A method for controlling the temperature of a baking oven having a catalyst, a heating source, an oven chamber temperature sensor, and a catalyst temperature sensor, includes generating an electrical control signal based on a control state, the control state being a function of signals from the electrical sensors and being reached when the catalyst temperature is higher than the oven chamber temperature and the temperature difference between the catalyst temperature and the oven chamber temperature is greater than or equal to a threshold value. The heating source is controlled using the electrical control signal so that the oven chamber temperature is maintained substantially constant.